**README**

**Humour\_style.xlsx**

This file is the main dataset with 5 labels used in the single-model approach. It consists of 1,463 instances of jokes alongside their humour style labels.

**Labels:**

* 0: Self-enhancing
* 1: Self-deprecating
* 2: Affiliative
* 3: Aggressive
* 4: Neutral

**Humour\_style\_4classes.xlsx**

This file was used to train the 4-class model of the two-model approach. The jokes are the same as those in the *Humour\_style.xlsx* file, but the labels were adjusted to 4 classes. It consists of 1,463 instances.

**Labels:**

* 0: Self-enhancing
* 1: Self-deprecating
* 2: Affiliative/Aggressive
* 3: Neutral

**af\_ag\_train.xlsx** and **af\_ag\_test.xlsx**

These files were used to train and evaluate the binary-class model. The *af\_ag\_train.xlsx* file consists of 448 instances, while the *af\_ag\_test.xlsx* file consists of 120 instances. These datasets were created by extracting jokes labelled as Affiliative or Aggressive from the *Humour\_style.xlsx* file.

**Labels:**

* 0: Affiliative
* 1: Aggressive

**Note:** All files contain the same jokes, as they are subsets of the *Humour\_style.xlsx* file.